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On May 5 and 6 there is an examination for the position of field assistant in forestry at a salary of \$1,000.

On May 16, there are examinations for positions in the Bureau of Plant Pathology Industry of plant physiologist, at a salary of \$1,500; of plant pathologist, at a salary of \$1,600; of viticulturist, at a salary of \$1,600; and of physiological chemist in cereal investigations, at a salary of \$1,500. Further details concerning these and similar examinations can be obtained from the U. S. Civil Service Commission, Washington, D. C.

#### SCIENTIFIC NOTES AND NEWS.

PROFESSOR HERMANN STRUVE, of Königsberg, has been given the gold medal of the Royal Astronomical Society.

THE University of Halle has conferred a gold medal on Professor J. P. Pawlow, of St. Petersburg, for his research on digestion.

THE Institute of France has awarded to Dr. Emile Roux, the subdirector of the Pasteur Institute, the prize of \$20,000, founded by M. Daniel Osiris, for the person that the institute considered the most worthy to be thus rewarded. It is said that Dr. Roux will give the money to the Pasteur Institute.

DR. F. SCHAUDINN, of Berlin, has been awarded the Tiedemann prize by the Senkenburg Society, at Frankfurt a. M., for his biologic studies and monograph on the *Coccidia*.

M. T. H. SCHLOESING, JR., has been elected a member of the Paris Academy of Sciences in the section of agriculture in the place of the late M. Dehérain.

WE noted last week the election of Dr. Robert Koch, as foreign associate of the Paris Academy of Sciences, in succession to Professor Rudolf Virchow. It may be added that Dr. Robert Koch received twenty-six votes, Dr. Alexander Agassiz eighteen votes, Dr. S. P. Langley six votes and Professor van der Waals, of Amsterdam, one vote.

PROFESSOR SOLMS-LAUBACH, of Strasburg, and Professor K. Goebel, of Munich, have

been elected honorary members of the Botanical and Zoological Society of Vienna.

PROFESSOR H. A. SURFACE, of the Pennsylvania State College, has been appointed economic zoologist to the state of Pennsylvania.

DR. LEONARD P. KINNICUTT, professor of chemistry at the Worcester Polytechnic Institute, has been appointed consulting chemist to the Connecticut State Sewage Commission.

MR. E. E. EWELL has resigned the position of assistant chief of the Bureau of Chemistry, U. S. Department of Agriculture, for the purpose of accepting the position of manager of the Atlanta office of the Propaganda Department of the German Kali Works. Mr. Ewell's service in the Department of Agriculture dates from August, 1889.

PROFESSOR J. A. EWING, F.R.S., professor of mechanism and applied mechanics at Cambridge University, has been appointed director of naval education, Great Britain.

MR. T. H. HOLLAND has been appointed director of the Geological Survey of India, in succession to Mr. C. L. Griesbach, who has retired.

PROFESSOR H. H. DONALDSON, of the University of Chicago, has been elected president of the Chicago Neurological Society for 1903.

MR. ALFRED NOBLE has been elected president of the American Society of Civil Engineers.

PROFESSOR JOHN M. COULTER, head of the Department of Botany, in the University of Chicago, will be absent in Europe during the spring, summer and autumn quarters.

DR. J. MARK BALDWIN, professor of psychology at Princeton University, sailed for Europe on April 4.

DR. JOHN MARSHALL, professor of chemistry in the Medical School of the University of Pennsylvania, has been granted leave of absence and will spend the time abroad.

DR. N. L. BRITTON, director-in-chief of the New York Botanical Garden, and Mrs. Britton returned from Cuba on April 4. During the brief visit made to the island a large collection of herbarium specimens was made principally from the region around Matanzas, and some

desirable specimens were brought back for the conservatories. Valuable assistance was rendered by Mr. John Shafer, curator of the herbarium of the Carnegie Museum, Pittsburgh. In addition to the great amount of material secured which will be of great value in the continuation of investigations upon the flora of the West Indies Dr. Britton was so fortunate as to secure a number of rare botanical books not previously in the library of the garden. Mr. Percy Wilson, museum aid, returned from Honduras, March 18, bringing a large collection of living and prepared specimens of plants from the region near Puerto Sierra and Puerto Cortez.

DR. JAMES B. OVERTON, professor of biology at Illinois College, Jacksonville, Illinois, on a grant from the Carnegie Institute as research assistant, will spend the next collegiate year in study and investigation at the University of Bonn, at the special request of Professor Eduard Strasburger, the director of the Botanical Institute.

R. M. STRONG, Ph.D. (Harvard, 1901), instructor in biology at Haverford College, 1902-3, has been appointed to a Carnegie research assistantship with Professor C. O. Whitman at the University of Chicago.

MR. A. D. SELBY, botanist to the Agricultural Experiment Station at Wooster, Ohio, who has been in residence at the New York Botanical Garden since December, has been granted a research scholarship of the Garden.

DR. THOMAS M. BALLIET, who for fifteen years has been the superintendent of public schools in Springfield, Mass., has recently been honored with a banquet by some one hundred and fifty of the leading men of that city. After many appreciative speeches the affair closed with the presentation to Dr. Balliet of a handsome set of the works of the late Dr. John Fiske.

LIEUTENANT KOLTSCHOK has been sent, by the St. Petersburg Academy of Sciences, to search for Baron Toll, who, last June, left the major part of his polar expedition, and with a few companions proceeded to Bennett Land.

A COMMITTEE has been formed in Paris with M. H. Moissan as chairman to strike a medal in honor of the late M. P. P. Dehérain, formerly professor of plant physiology in the University of Paris. Subscriptions should be sent to M. Pierre Masson, 120 boulevard St. Germain, Paris. Those subscribing 25 francs will receive a copy of the medal.

DR. JULIUS VICTOR CARUS, associate professor of comparative zoology at Leipzig, died on March 10, at the age of seventy-nine years.

DR. FRANZ STUDNICKA, professor of mathematics at Prague, died on February 21 at the age of sixty-seven years.

DURING the past winter geological work has been carried on by the Louisiana State Geological Survey along the following lines: (1) the stratigraphy of the oil- and water-bearing beds has been studied by Professor G. D. Harris and E. F. Lines (C. U., '04); (2) the clay and lignite deposits have been investigated by C. E. Smith, A.M. (C. U., '03); the subject of terrestrial magnetism has been in charge of Edwin Smith, detailed from the Coast and Geodetic Survey. Through cooperation with the U. S. Geological Survey, an area 1,000 miles square is now being mapped topographically about Baton Rouge. Professor Harris has been engaged for the coming summer by the Hydrographic Division of the U. S. Geological Survey to prepare, by office and field work, a monograph on the underground waters of southern Louisiana. Mr. Lines will be employed by the state to continue the collection of data in the field, looking toward the construction of large topographic models of the state for the St. Louis Exposition. Mr. Smith will soon be in the field again on economic work already begun; and later will divide his time between teaching at the State University and survey work. Mr. Joviano Pacheco (C. U.), formerly assistant on the State Survey, is now draftsman for the Southern Pacific Railroad. He will shortly be transferred to the Louisiana Survey force to aid in the construction of models for the St. Louis Exposition.

THE Civil Service Commission announces that the examination scheduled for April 21

for the position of scientific assistant has been postponed to April 28.

THE Tenth Congress of Polish Physicians and Men of Science, which was to meet in Lemberg, Austria, July, 1903, has been postponed until July, 1904.

THE French Association of Anatomists is this week holding at Liège its fifth meeting, under the presidency of Professor Swaen.

THE American Institute of Electrical Engineers has arranged to extend certain privileges to those who are regularly pursuing studies in electrical engineering. Under proper recommendations they may be elected as students of the institute. There is a fee of \$3 and the students receive the transactions and may attend the meetings.

THE New York Botanical Garden announces a series of lectures to be delivered in the lecture hall of the museum building of the Garden, Bronx Park, on Saturday afternoons, at 4:30 o'clock, as follows:

April 18. 'A Tour of American Deserts,' by Dr. D. T. MacDougal.

April 25. 'The Vegetation of the Florida Keys,' by Dr. M. A. Howe.

May 2. 'The Framework of Plants,' by Dr. H. M. Richards.

May 9. 'Illustrations of Some Features of the West Indian Flora,' by Dr. N. L. Britton.

May 16. 'The Food Supply of Young Plants,' by Professor F. E. Lloyd.

May 30. 'The Color-Variations of Flowers,' C. C. Curtis.

June 6. 'The Streams, Lakes and Flowers of the Upper Delaware, and the Story of the Sundew,' by Mr. Cornelius Van Brunt.

June 13. 'Vegetable Foods,' by Dr. H. H. Rusby.

REUTER'S Agency has received a letter dated from the Scottish Antarctic ship *Scotia*, at the Falkland Islands, on January 22, written by Mr. W. S. Bruce, the leader of the expedition. He says: In a few hours we take our departure for the South. Contrary to my previous intention, I am going to winter the ship if we find a suitable winter harbor, for, on account of the lateness of the season, there will not be time to set up a separate house and set the ship free. We had a most successful passage south, having accomplished the voyage in 59

days, in contrast to 92 days that we took in the *Balaena* in '92. We could have made a faster journey, but ran at slow speed in order to save coal and also stopped several times for coaling and for testing gear. After some preliminary accidents in handling gear, we are starting with a fairly clear field to commence good observations. We are very fully loaded down, however, with 200 tons of coal and 20 months' provisions, so we shall make as quick a passage across the Cape Horn seas as possible till we get into the smooth ice water. There we are all right and need not fear for the safety of our deck cargo. Systematic hydrometer observations and temperature observations of the surface of the sea from 30 N. have been taken, and those of the River Plate should prove of exceptional interest, since there are most remarkable and rapid changes both in density and temperature associated with strong currents. We have inspected and set up the meteorological station at Cape Pembroke, which should be as good as any in the Southern Hemisphere. This should form a very important sub-Antarctic station. We have sufficient funds to enable us to do this one year's work in the South. Now that we are on a solid basis it would be a great pity to come home before our work is really complete. A second winter, during which the ship could be kept going free, as well as the station, would be most valuable.

#### UNIVERSITY AND EDUCATIONAL NEWS.

Two further anonymous gifts, respectively \$10,000 and \$50,000, have been made to Harvard University for Emerson Hall, to be erected for the department of philosophy. The sum of \$125,000 has now been subscribed toward the \$150,000 required.

THE Missouri state legislature in the session just closed appropriated for the State University at Columbia \$75,000 for a physics laboratory and \$25,000 for an addition to the chemical laboratory.

ACCORDING to the financial statement of the University of Minnesota for the fiscal year ending July 31, 1902, the 23/100 mill revenue tax of the state levied annually on account of the university is producing about \$150,000